Hardware Purchasing Resources

**DESIGN STUDENTS**

We are currently suggesting 2 tiers for incoming design students:

- **Basic** - This is the recommended system for most design students.
- **Advanced** - (VR Ready) This is the recommended system for students who are interested in using advanced and emerging digital technologies in the course of their studies, especially virtual and augmented reality, and also including: advanced rendering, real-time visualization and simulation, advanced scripting and programming, and/or advanced building information modeling.

**Dell Direct Purchase Program**

The School of Architecture Technology staff is recommending:

- **Basic** - Dell Mobile Precision 5530
- **Advanced** - Dell Mobile Precision 7530 (VR Ready)

To visit Dell's student purchase portal and see more details, go to: [http://dell.com/utsoa](http://dell.com/utsoa)

**Lenovo**

- **Basic** - Lenovo ThinkPad P52 (20M9000XUS)
- **Advanced** - Lenovo ThinkPad P52 (20M9000LUS)
- **Advanced (4k)** - Lenovo ThinkPad P52 (20M90024US)

**MSI**

MSI discounted systems can be purchase through the Campus Computer Store (Hi-Ed).

- **Basic** - MSI WE63 8SJ 234 - i7, 512GB SSD, 16GB RAM, NVIDIA Quadro P2000, 15.6" HD Display
- **Advanced** - MSI WS63 8SK 017 - i7, 512GB SSD, 32GB RAM, NVIDIA Quadro P3200, 15.6" HD Display (VR Ready)

**Recommended Accessories** (least expensive):

- 24 Inch Monitor - Amazon Choice
- External USB keyboard - Amazon Basics
- External USB Mouse - Amazon Basics
- Laptop Lock - Amazon Choice

**NON-DESIGN STUDENTS**

**Dell Direct Purchase Program**

The School of Architecture Technology staff is recommending:

- **Dell Mobile Precision 5530** – This is the recommended system for most non-design students.
- **Non-design students with strong digital technologies skills and interests may want to consider upgrading to the basic or advance design student offering.**

To visit Dell's student purchase portal and see more details, go to: [http://dell.com/utsoa](http://dell.com/utsoa)

**Lenovo**

- **Non-Design** - Lenovo ThinkPad P52 (20M9000GUS)
- **Non-design students with strong digital technologies skills and interests may want to consider upgrading to the basic or advance design student offering.**

**MSI Purchase Program**

- **MSI WE63 8SI 238** - i7, 512GB SSD, 16GB RAM, NVIDIA Quadro P1000, 15.6" HD Display

**Pricing Comparison Charts** (some prices subject to change, last updated 8/13/18)

<table>
<thead>
<tr>
<th>Design-Basic Models</th>
<th>Price</th>
<th>Weight</th>
<th>Price Comparable Package</th>
<th>Processor</th>
<th>RAM</th>
<th>SSD</th>
<th>Video</th>
<th>Screen</th>
<th>Warranty</th>
<th>Accidental Damage</th>
<th>External Monitor, Mouse, Keyboard, Lock</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dell Mobile Precision 5530</td>
<td>$2596.12</td>
<td>4.25 lbs. (w/ 6 cell battery)</td>
<td>$2596.12</td>
<td>i7 6-core 2.6 GHz +$109.40 upgrade Xeon 6-core 2.7 GHz +$201.85 upgrade i9 6-core 2.9GHz</td>
<td>16 GB +$268.49 upgrade to 32 GB</td>
<td>512 GB +$99.00 add 1TB data drive +$159.00 add 2TB data drive</td>
<td>NVIDIA Quadro P2000</td>
<td>15.6&quot; HD +$281.85 upgrade to 4k Touchscreen</td>
<td>3 years +$171.10 for 4 years +$316.31 for 5 years</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

Included in default package:
- Dell P2417H Monitor
- Dell MS116 Keyboard & Mouse
- Kensington Combo Laptop Lock
<table>
<thead>
<tr>
<th>Design-Advanced Models</th>
<th>Price</th>
<th>Weight</th>
<th>Price Comparable Package</th>
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<th>SSD</th>
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<tr>
<td>Dell Mobile Precision 7530</td>
<td>$3599.99 (Dell)</td>
<td>5.75 lbs.</td>
<td>$3599.99 *faster processor</td>
<td>Xeon 6-core 2.9GHz</td>
<td>32 GB +$448.75 upgrade to 64 GB</td>
<td>512 GB NVIDIA Quadro P3200</td>
<td>15.6&quot; HD</td>
<td>+$213.86 upgrade to 4k Screen</td>
<td>3 years</td>
<td>+$132.14 for 4 years</td>
<td>Yes</td>
</tr>
<tr>
<td>Lenovo ThinkPad P52 (20M9000LUS)</td>
<td>$2658.23 (CDW-G) ($2915.10 with recommended RAM upgrade)</td>
<td>5.4 lbs.</td>
<td>$2447.95 w/ Lenovo 3 year warranty, accidental damage, monitor, keyboard, mouse and lock. *medium processor</td>
<td>i7 6-core 2.6GHz</td>
<td>16 GB +$256.87 upgrade to 32 GB (CDW-G)</td>
<td>512 GB NVIDIA Quadro P3200</td>
<td>15.6&quot; HD</td>
<td>+$472.57 upgrade to 4k Touchscreen (20M9024US) (CDW-G)</td>
<td>3 years (factory)</td>
<td>+$369 to extend warranty/accidental to 4 years - Safeware (campuscompute.com)</td>
<td>No</td>
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</tbody>
</table>

**Notes:**
- *slower processor
- *medium processor
- Recommended RAM upgrade
- Price included in warranty extension
- Included in default package:
  - Dell P2417H Monitor
  - Dell MS116 Keyboard & Mouse
  - Kensington Combo Laptop Lock

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**Design-Advanced Models Table:**

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<th>Model</th>
<th>Price</th>
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<td>3 years (factory)</td>
<td>+$369 to extend warranty/accidental to 4 years - Safeware (campuscompute.com)</td>
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**Notes:**
- *slower processor
- *medium processor
- Recommended RAM upgrade
- Price included in warranty extension
- Included in default package:
  - Dell P2417H Monitor
  - Dell MS116 Keyboard & Mouse
  - Kensington Combo Laptop Lock

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**Lenovo ThinkPad P52 (20M9000US) | $2289.00 (Amazon) | 5.4 lbs. | $2448.77 w/ Lenovo 3 year warranty, accidental damage, monitor, keyboard, mouse and lock. | i7 6-core 2.6GHz | 16 GB +$256.67 upgrade to 32 GB (CDW-G) | 512 GB NVIDIA Quadro P2000 | 15.6" HD | 3 years (factory) | +$369 to extend warranty/accidental to 4 years - Safeware (campuscompute.com) | 1 year (factory) | No |

**Notes:**
- *slower processor
- *medium processor
- Recommended RAM upgrade
- Price included in warranty extension
- Included in default package:
  - Dell P2417H Monitor
  - Dell MS116 Keyboard & Mouse
  - Kensington Combo Laptop Lock

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**MSI WE63 8SJ-234 | $1799.95 (Campuscomputer) | 5.05 lbs. | $2311.95 w/ Safeware 4 year warranty, accidental damage, and Amazon monitor, keyboard, mouse and lock. *slower processor | i7 6-core 2.2GHz | 16 GB | 512 GB NVIDIA Quadro P2000 | 15.6" HD | 3 years (factory) | +$289 to extend warranty/accidental to 4 years - Safeware (campuscompute.com) | 1 year (factory) | No |

**Notes:**
- *slower processor
- *medium processor
- Recommended RAM upgrade
- Price included in warranty extension
- Included in default package:
  - Dell P2417H Monitor
  - Dell MS116 Keyboard & Mouse
  - Kensington Combo Laptop Lock

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**MSI WE63 8SJ-234 | $1799.95 (Campuscomputer) | 5.05 lbs. | $2311.95 w/ Safeware 4 year warranty, accidental damage, and Amazon monitor, keyboard, mouse and lock. *slower processor | i7 6-core 2.2GHz | 16 GB | 512 GB NVIDIA Quadro P2000 | 15.6" HD | 3 years (factory) | +$289 to extend warranty/accidental to 4 years - Safeware (campuscompute.com) | 1 year (factory) | No |

**Notes:**
- *slower processor
- *medium processor
- Recommended RAM upgrade
- Price included in warranty extension
- Included in default package:
  - Dell P2417H Monitor
  - Dell MS116 Keyboard & Mouse
  - Kensington Combo Laptop Lock
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<th>Non-Design Models</th>
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<tr>
<td><strong>MSI WS63 8SK-017</strong></td>
<td>$2749.95</td>
<td>4.2 lbs.</td>
<td>i7 6-core 2.2 GHz</td>
<td>32 GB</td>
<td>512 GB</td>
<td>NVIDIA Quadro P3200</td>
<td>15.6&quot; HD</td>
<td>3 years (factory)</td>
<td>No +$143 for least expensive options on Amazon</td>
</tr>
<tr>
<td><strong>MSI WS63 8SI-238</strong></td>
<td>$1549.00</td>
<td>5.05 lbs.</td>
<td>i7 6-core 2.2 GHz</td>
<td>16 GB</td>
<td>512 GB</td>
<td>NVIDIA Quadro P1000</td>
<td>15.6&quot; HD</td>
<td>3 years (factory)</td>
<td>1 year (factory)</td>
</tr>
<tr>
<td><strong>Dell Mobile Precision 5530</strong></td>
<td>$2299.99 (Dell)</td>
<td>4.25 lbs.</td>
<td>i7 6-core 2.6 GHz</td>
<td>16 GB</td>
<td>512 GB</td>
<td>NVIDIA Quadro P1000</td>
<td>15.6&quot; HD</td>
<td>3 years</td>
<td>+$150.52 for 4 years +$295.73 for 5 years 3 years (price included in warranty)</td>
</tr>
<tr>
<td><strong>Lenovo ThinkPad P52 (20M9000GUS)</strong></td>
<td>$2214.72 (C DW-G)</td>
<td>5.4 lbs.</td>
<td>i7 6-core 2.6 GHz</td>
<td>16 GB</td>
<td>512 GB</td>
<td>NVIDIA Quadro P1000</td>
<td>15.6&quot; HD</td>
<td>3 year (factory)</td>
<td>+$369 to extend warranty/accidental to 4 years - Safeware (campuscomputer.com) +$449.11 for Lenovo 4-year warranty /accidental/premier support. (CDW-G) +$260.46 for Lenovo 3-year warranty /accidental/premier support. (CDW-G) 1 year (factory)</td>
</tr>
</tbody>
</table>

**Note:**
- **MSI WS63 8SK-017** includes a 4-year warranty, accidental damage, and Amazon monitor, keyboard, mouse, and lock.
- **MSI WS63 8SI-238** has a slower processor.
- **Dell Mobile Precision 5530** has a 3-year warranty (price included in warranty).
- **Lenovo ThinkPad P52** offers options for 3-year, 4-year, and 5-year warranties at additional costs.
- **MSI WS63 8SI-238** offers a 3-year warranty (factory) and an option to extend to 4 years for an additional $289.